

2 Mil Polyimide Tape—KPT2



Specification Sheet

Description

2 mil Polyimide Tape

DESCRIPTION:

This tape is manufactured from 2 mils thin commercial grade polyimide film with special silicone adhesive. It is designed for insulating coil at high temperature as well as for the products like generator, capacitor and transformer to use.

MAIN PRODUCT FEATURES:

- Wide operating temperature range up to 500F
- Excellent dielectric strength
- Outstanding resistibility to the damage from impact or abrasion

APPLICATION IDEAS:

- Used for die-cut polyimide discs (dots)

TECHNICAL DATA:

| <u>ITEM</u> | <u>TEST METHOD</u> | <u>NORMAL</u> | <u>MINIMUM</u> |
|--|--------------------|----------------|----------------|
| Adhesive | | Silicone | Silicone |
| Substrate / Carrier | | Polyimide Film | Polyimide Film |
| Substrate Thickness (mil/mm) | ASTM D 1000 | 2.00 / 0.050 | 2.00 / 0.050 |
| Total Thickness (mil/mm) | ASTM D 1000 | 3.60 / 0.090 | 3.52 / 0.088 |
| Color | | Amber | Amber |
| Adhesive to Steel (N/25mm) (g/25mm) (oz/in) | ASTM D 1000 | 5.9 / 600 / 21 | 5.6 / 570 / 20 |
| Tensile Strength (N/25mm) (kg/25mm) (lb/in) | ASTM D 1000 | 196 / 20 / 44 | 176 / 18 / 40 |
| Elongation (%) | ASTM D 1000 | 100 | 80 |
| Dielectric Strength | ASTM D 149 | 7.0 | 6.0 |
| Class of Insulation (°C) UL 510 | | UL H | 180 |
| Range of Temperature (°C/°F) | | -73~260 | -100 ~ 500 |

SIZE

Tape Length (m) 33
Tape Width (mm) 0 ~ 1000 Available

Note: The above data should be considered representative only and should not be used for specification purposes.



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